

Mineral Industry Surveys

For information, contact:

Donald W. Olson, Gypsum Commodity Specialist
U.S. Geological Survey
983 National Center
Reston, VA 20192
Telephone: (703) 648-7721
Fax: (703) 648-7722
E-mail: dolson@usgs.gov

Virginia C. Harper (Data)
Telephone: (703) 648-7983
Fax: (703) 648-7975

Internet: <http://minerals.usgs.gov/minerals>

GYPSUM IN APRIL 2002

Producers mined 1,450,000 metric tons of gypsum in April 2002 (table 1). Output was slightly more than that of March 2002 and 5% more than that of April 2001. Synthetic gypsum production was 518,000 tons in April 2002 (table 1), which was 14% more than that of March 2002 and 23% more than that of April 2001. Synthetic gypsum is increasingly used as a raw material for wallboard. During January through March 2002, of the 7.09-million-ton supply of gypsum in the United States, 1.28 million tons or slightly over 18% was synthetic gypsum. Sales of uncalcined gypsum, mainly for portland cement manufacture and for agricultural uses, were 575,000 tons, 23% more than that of March 2002, and 8% less than that of April 2001.

Output of calcined gypsum was 2,350,000 tons, 26% more than that of March 2002, and 45% more than that of April 2001. Sales of board products were 2.7 billion square feet

(250 million square meters), slightly more than that of March 2002, and 15% more than that of April 2001.

Import and export data for April 2002 were not available at the time of publication. Imports of crude gypsum in March 2002 were 742,000 tons, 25% more than that of February 2002 and 5% more than that of March 2001. Gypsum wallboard imports, principally from Canada, for March 2002 were 47,000 tons, equivalent to 58 million square feet (5.3 million square meters). These imports were slightly more than those of February 2002 and slightly less than those of March 2001. Wallboard exports to 24 countries and territories in March 2002 were 6,600 tons, equivalent to 7.9 million square feet (735,000 square meters). These exports were 14% more than those of February 2002 and 16% more than those of March 2001.

TABLE 1
GYPSUM SUPPLY 1/ 2/

(Metric tons)

	2002			2001
	April	March	January-April	January-April
Crude:				
Mined 3/	1,450,000	1,410,000	5,410,000	5,350,000
Imported 4/	NA	742,000	NA	2,810,000
Exported 4/	NA	64,200	NA	59,300
Synthetic gypsum 5/	518,000	455,000	1,800,000	1,620,000
Total supply	NA	2,550,000	NA	9,730,000
Calcined:				
Produced	2,350,000	1,870,000	7,470,000	4,690,000
Imported 6/	NA	674	NA	3,130
Exported 6/	NA	12,700	NA	43,700
Total supply	NA	1,860,000	NA	4,650,000

NA Not available.

1/ Includes data from the Gypsum Association.

2/ Data are rounded to no more than three significant digits; may not add to totals shown.

3/ Some data were estimated from semiannual reports.

4/ Import and export data are for "Gypsum; anhydrite," Harmonized Tariff Schedule 2520.10.0000.

5/ Reported supply only.

6/ Import and export data are for "Plaster," Harmonized Tariff Schedule 2520.20.0000.

TABLE 2
GYPSUM SOLD OR USED BY PRODUCERS, BY USE 1/ 2/

(Metric tons, unless otherwise specified)

	2002			2001
	April	March	January -April	January-April
Uncalcined: 3/				
Portland cement	362,000	233,000	1,070,000	1,220,000
Agriculture and misc.	213,000	234,000	883,000	1,090,000
Total supply	575,000	467,000	1,950,000	2,310,000
Calcined:				
Board products 4/	2,240,000	2,210,000	8,650,000	7,810,000
Plaster	34,300	33,200	131,000	125,000
Total supply	2,280,000	2,250,000	8,780,000	7,940,000
Board products: (Thousand square feet) 5/				
Regular board	1,570,000	1,560,000	6,120,000	5,430,000
Type X board	848,000	826,000	3,200,000	2,970,000
Other	281,000	269,000	1,060,000	971,000
Total supply	2,690,000	2,660,000	10,400,000	9,380,000

1/ Includes data from the Gypsum Association.

2/ Data are rounded to no more than three significant digits; may not add to totals shown.

3/ Does not include synthetic gypsum from electric power plants.

4/ Includes weight of paper and other materials.

5/ One square meter equals 10.78 square feet.

TABLE 3
CRUDE GYPSUM IMPORTED FOR CONSUMPTION 1/

(Metric tons)

Country of origin	2002			2001
	March	February	January- March	January- March
Canada	451,000	385,000	1,300,000	1,460,000
Germany	--	--	--	6
Japan	--	--	--	1
Korea, Republic of	--	36	54	--
Mexico	209,000	86,000	455,000	365,000
Spain	81,900	125,000	209,000	183,000
United Kingdom	--	20	41	177
Total	742,000	595,000	1,960,000	2,010,000

-- Zero.

1/ Data are rounded to no more than three significant digits; may not add to totals shown.

Source: U.S. Census Bureau.

TABLE 4
CRUDE GYPSUM IN THE UNITED STATES 1/ 2/

(Thousand metric tons)

Period	Consumption 3/	Production 4/	Imports 5/	Exports 5/
2001:				
April	2,180	1,380	810	11
May	1,770	1,060	727	18
June	1,940	1,250	710	18
July	2,200	1,540	681	19
August	2,240	1,570	707	29
September	2,090	1,430	689	35
October	2,220	1,580	672	39
November	2,200	1,490	768	51
December	1,660	1,180	498	25
January - December	24,600	16,600	8,270	278
2002:				
January	1,910	1,300	626	25
February	1,810	1,240	595	22
March	2,090	1,410	742	64
April	NA	1,450	NA	NA

NA Not available.

1/ Excludes synthetic gypsum.

2/ Data are rounded to no more than three significant digits; may not add to totals shown.

3/ Consumption calculated by adding the production and imports shown in this table and subtracting the exports shown in this table. Monthly inventory changes are not included.

4/ Production data are from the semiannual gypsum canvasses of the non-wallboard producers, annual canvasses of all producers, and from monthly data furnished by the Gypsum Association from the wallboard producers.

5/ Data from U.S. Census Bureau.

TABLE 5
SALES OF GYPSUM BOARD PRODUCTS, BY SALES REGIONS 1/ 2/

(Thousand square feet) 3/

	New England	Middle Atlantic	E. North Central	W. North Central	South Atlantic	E. South Central	W. South Central	Mountain	Pacific	Exports	Total
2002:											
April:											
Lath	2	6	--	--	4	--	--	--	100	--	111
Veneer base	23,300	3,060	7,910	839	10,600	29	64	246	1,790	16	47,900
Sheathing	1,270	4,250	4,060	5,640	10,400	2,180	11,000	5,630	7,980	650	53,000
Regular gypsum board	42,900	152,000	223,000	106,000	437,000	103,000	188,000	128,000	159,000	26,700	1,570,000
Type X gypsum board	26,600	93,500	129,000	68,100	155,000	29,300	90,300	92,000	159,000	4,550	848,000
Predecorated board	417	582	841	500	1,280	498	959	351	788	38	6,260
5/16 Mobile home board	--	2,800	8,560	--	21,200	20,400	11,300	1,690	996	37	67,000
Water/moisture resistant board	5,150	18,900	14,400	5,950	22,700	4,020	10,300	8,300	12,900	3,760	106,000
Total	99,700	275,000	387,000	187,000	658,000	160,000	311,000	237,000	343,000	35,700	2,690,000
January - April:											
Lath	2	15	--	--	4	--	--	--	108	--	129
Veneer base	85,000	12,500	32,900	4,000	38,600	158	422	1,860	6,550	62	182,000
Sheathing	4,640	13,600	13,800	20,400	37,200	7,580	39,700	23,700	30,200	2,880	194,000
Regular gypsum board	165,000	585,000	883,000	439,000	1,660,000	412,000	753,000	540,000	603,000	80,000	6,120,000
Type X gypsum board	99,000	332,000	490,000	268,000	561,000	115,000	350,000	381,000	596,000	13,000	3,200,000
Predecorated board	1,550	2,300	4,070	2,030	5,450	1,520	3,630	1,280	2,850	245	24,900
5/16 Mobile home board	--	6,940	32,500	27	79,200	77,900	47,700	5,990	4,330	112	255,000
Water/moisture resistant board	19,300	68,700	54,000	23,800	86,500	15,300	40,900	33,500	48,600	10,500	401,000
Total	375,000	1,020,000	1,510,000	756,000	2,470,000	630,000	1,240,000	988,000	1,290,000	107,000	10,400,000

-- Zero.

1/ Data are rounded to no more than three significant digits; may not add to totals shown.

2/ Sales region equivalent to U.S. Census Bureau Geographic Division as follows: New England (CT, MA, ME, NH, RI, VT); Middle Atlantic (NJ, NY, PA); East North Central (IL, IN, OH, MI, WI); West North Central (IA, KS, MN, MO, NE, ND, SD); South Atlantic (DC, DE, FL, GA, MD, NC, SC, VA, WV); East South Central (AL, KY, MS, TN); West South Central (AR, LA, OK, TX); Mountain, (AZ, CO, ID, MT, NM, NV, UT, WY); Pacific (AK, CA, HI, OR, WA).

3/ One square meter equals 10.78 square feet.

Source: Gypsum Association.